



EXPRESS MAIL LABEL NO. EL 975719020 US

**PATENT**  
HES 2000-IP-001848U1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants:	Ronald E. Sweatman et al.	)	
		)	Art Unit: 1712
Serial No.:	10/082,459	)	
		)	Examiner: Phillip Tucker
Filing Date:	February 25, 2002	)	
		)	
For:	METHODS OF DISCOVERING AND	)	
	CORRECTING SUBTERRANEAN	)	
	FORMATION INTEGRITY PROBLEMS	)	
	DURING DRILLING	)	

Mail Stop Non-Fee Amendment  
COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, VA 22313-1450

**PRELIMINARY AMENDMENT**

Please enter the following amendments prior to examining the above application: